



Ernest J. Moniz

Ernest J. Moniz is the Cecil and Ida Green Professor of Physics and Engineering Systems, Director of the Energy Initiative, and Director of the Laboratory for Energy and the Environment at the Massachusetts Institute of Technology, where he has served on the faculty since 1973. He served as Head of the Department of Physics and as Director of the Bates Linear Accelerator Center. His research focus is energy technology and policy, including a leadership role in MIT multidisciplinary technology and policy studies addressing pathways to a low-carbon world.

Dr. Moniz served as Under Secretary of the Department of Energy from 1997 until January 2001 and, from 1995 to 1997, as Associate Director for Science in the Office of Science and Technology Policy in the Executive Office of the President. At DOE, he had oversight of the science and energy programs, led a comprehensive review of nuclear weapons stockpile stewardship, and served as the Secretary's special negotiator for Russian nuclear materials disposition programs. He is currently a member of the President's Council of Advisors on Science and Technology, of the Blue Ribbon Commission on America's Nuclear Future, and of the Department of Defense Threat Reduction Advisory Committee.

Dr. Moniz received a Bachelor of Science degree summa cum laude in physics from Boston College, a doctorate in theoretical physics from Stanford University, and honorary doctorates from the University of Athens, the University of Erlangen-Nuremberg, and Michigan State University. He is a member of the Council on Foreign Relations and received the 1998 Seymour Cray HPCC Industry Recognition Award for vision and leadership in advancing scientific simulation.